

**AMENDMENTS TO THE SPECIFICATION:**

Please amend the paragraphs beginning at page 80, line 11, as follows:

***AVCBSPantitrypsinGAAG-delta preparation strategy.*** The plasmid

AVCBSPantitrypsinGAAG-delta was prepared in the same manner as AVCBSP38GAAG-delta, using the *KpnI-HindIII* digestion product of the double-stranded DNA fragment with sequence 5'-C TGA GGTACC T GCC ACC-at gccgtcttct gtctcggtgg gcatccctcct gctggcaggc ctgtgctgcc tggccctgt ctccctggct-AAGCTT CGA T-3' (**SEQ ID NO: 15**) in lieu of fragment II. The resulting construct codes for a GAA peptide in which the hGAA leader sequence (**SEQ ID NO: 4**) has been replaced with the human ~~alpha-1 antitrypsin~~ alpha-1-antitrypsin leader sequence (~~SEQ ID NO: 7~~) (**SEQ ID NO: 8**).

***AVCBSPALBGAAG-delta preparation strategy.*** AVCBSPALBGAAG-delta was

prepared in the same manner as AVCBSP38GAAG-delta, using the *KpnI-HindIII* digestion product of the double-stranded DNA fragment with sequence 5'-C TGA GGTACC T GCC ACC-a tgaagtgggt aacctttatt tcccttctt ttctctttag ctgggttat tcc-AAGCTT CGA T-3' (**SEQ ID NO: 16**) in lieu of fragment II. The resulting construct codes for a GAA peptide in which the hGAA leader sequence (**SEQ ID NO: 4**) has been replaced with the human albumin leader sequence (~~SEQ ID NO: 8~~) (**SEQ ID NO: 7**).

At page 81, line 18, amend Table 3 as follows.

Table 3. hGAA secretion with different leader sequences

Leader Sequence	Proportion hGAA Secreted (hGAA Medium/hGAA cells)	% Total hGAA secreted	Increased hGAA secretion (fold)
HGAA	0.53	34	N/A
<u>SP38.1</u> <u>SP38</u>	9.7	91	18
Epo	1.1	53	2.1
$\alpha$ -1-antitrypsin	8.5	90	16
Factor IX	14	93	26